

Title (en)

Method of granulating and pulverizing slag or metal melts

Title (de)

Verfahren zum Granulieren und Zerkleinern von flüssigen Schmelzen

Title (fr)

Procédé pour granuler et pulvériser des laitiers ou métaux en fusion

Publication

EP 1038976 B1 20011121 (DE)

Application

EP 00890083 A 20000317

Priority

AT 55099 A 19990324

Abstract (en)

[origin: EP1038976A1] A melt granulation and comminution process, comprising gas heating of sprayed droplets within a cooling chamber having cooled walls, is new. A melt granulation and comminution process comprises spraying the melt into a cooling chamber using a fluid jet, the sprayed melt droplets being heated in the spray jet by post-combustion of hot gases within the cooling chamber and the cooling chamber walls being cooled to a surface temperature of below 400 (preferably below 300) degrees C.

IPC 1-7

C21B 3/08; B22F 9/08; B01J 2/02; C04B 5/02

IPC 8 full level

B22F 9/08 (2006.01)

CPC (source: EP)

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Cited by

DE10205897A1; EP1256633A3; EP1234890A1; EP1306450A1; EP1234889A1; EP1229136A1; EP1400602A3; AT408956B; WO2004046401A1; WO02090282A1

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